Oceanography Branch CTD Data Report
Benthic Habitat Survey - HB0806

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DATE: August 15 - 25, 2008

Oceanography Branch CTD Data Report

CTD_REPORT_2008006HB

NOAA Fisheries Service
Northeast Fisheries Science Center
Woods Hole, MA 02543

HB 08-06
Benthic Habitat Survey
Data Coverage: August 15 - 25, 2008
Georges Bank

This report presents a summary of surface and bottom temperature and salinity data collected during the Northeast Fisheries Science Center's 2008 Benthic Habitat Survey Cruise aboard the NOAA FRV *Henry B. Bigelow*. All data was obtained with a Seabird Electronics SBE Model 19 profiling CTD (s/n 4759).

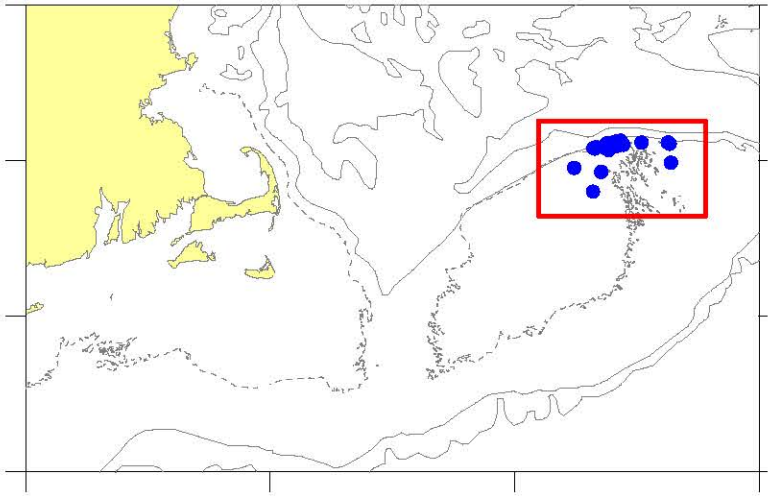
Data presented here have been audited, however, corrections and/or updates may be applied at a later time. The most recent and complete station data can be found in an NODC formatted ASCII file at:
ftp://ftp.nefsc.noaa.gov/pub/hydro/hb0806.dat

This report may be viewed on the Oceanography Branch website at:

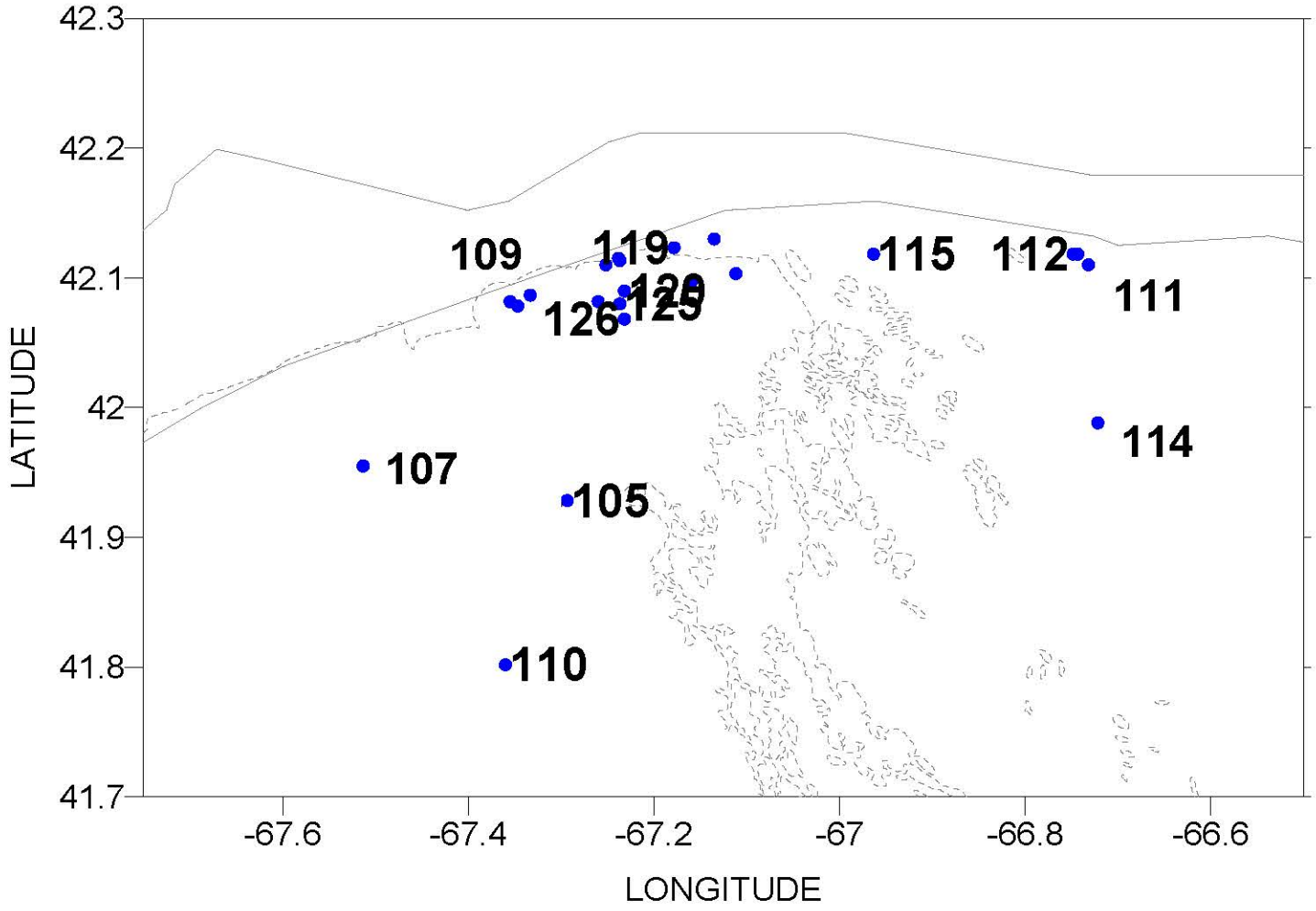
http://www.nefsc.noaa.gov/HydroAtlas/

choose: **2008 Cruises**
AUG_BENTHIC_HB0806
CTD_REPORT_2008006HB.pdf

Revised: July 24, 2009



HB0806 Benthic Habitat
15 - 25 August, 2008
CTD (SBE 4759) Station Positions



HB0806 Benthic Habitat
15 - 25 August, 2008

Cast #	Sta #	Lat	Long	Day	Mo	Year	Time (GMT)	Btm Depth	Sfc Temp	Sfc Salt	Btm Temp	Btm Salt	Meters From Bottom
105	1	4155.7	6717.6	15	8	2008	16:21	55	15.28	32.53	14.97	32.54	2
106	1	4206.6	6715.1	16	8	2008	3:12	58	16.09	32.32	12.35	32.53	5
107	1	4157.3	6730.8	16	8	2008	16:21	48	15.64	32.46	15.24	32.50	4
108	1	4206.8	6714.2	17	8	2008	3:22	57	16.13	32.19	10.38	32.56	2
109	1	4205.2	6720.0	17	8	2008	17:16	50	15.89	32.30	12.08	32.53	4
110	1	4148.1	6721.6	18	8	2008	4:00	57	15.98	32.49	15.93	32.49	3
111	1	4206.6	6643.9	18	8	2008	19:46	72	18.38	31.87	9.42	32.68	3
112	1	4207.1	6644.9	19	8	2008	2:37	74	17.68	31.98	7.45	32.96	5
113	1	4207.1	6644.6	19	8	2008	15:56	75	17.68	32.15	8.39	32.82	4
114	1	4159.3	6643.3	20	8	2008	3:32	78	16.89	32.18	12.10	32.51	2
115	1	4207.1	6657.8	20	8	2008	17:25	66	16.87	32.17	10.58	32.63	4
116	1	4207.8	6708.1	21	8	2008	3:25	66	16.89	32.13	9.36	32.59	3
117	1	4206.9	6714.3	21	8	2008	15:45	67	17.72	32.09	8.91	32.59	3
118	1	4206.2	6706.7	22	8	2008	3:19	59	17.39	32.06	8.24	32.63	4
119	1	4207.4	6710.7	22	8	2008	16:16	63	18.81	32.03	8.42	32.62	4
120	1	4205.4	6713.9	22	8	2008	21:45	52	18.09	32.02	11.04	32.50	3
121	1	4205.8	6709.6	23	8	2008	3:32	52	17.68	32.08	7.39	32.66	3
122	1	4204.9	6715.6	23	8	2008	15:53	51	17.38	32.13	8.97	32.58	4
123	1	4204.7	6720.8	24	8	2008	3:04	51	17.60	31.94	7.10	32.64	5
124	1	4204.9	6721.3	24	8	2008	15:55	51	16.98	32.13	7.63	32.60	4
125	1	4204.8	6714.2	25	8	2008	3:50	48	17.05	32.10	7.89	32.60	3
126	1	4204.1	6713.9	25	8	2008	12:48	47	15.75	32.35	13.97	32.36	6

Areal average surface and bottom temperature/salinity and temperature/salinity anomalies for the HB0806 Benthic Habitat Survey

		SURFACE						BOTTOM						
CRUISE	CD	#obs	T/S	Anomaly	SDV1	SDV2	Flag	#obs	T/S	Anomaly	SDV1	SDV2	Flag	Purpose
						Gulf of Maine East								
HB0806	233	10	17.36	3.17	0.30	1.69	1	10	9.35	-2.89	0.29	3.78	1	91
HB0806	233	10	32.10	-0.40	0.17	0.25	1	10	32.67	-0.02	0.17	0.18	1	91
						Georges Bank								
HB0806	234	12	16.68	1.67	0.27	1.33	1	12	11.19	-2.71	0.26	3.15	1	91
HB0806	234	12	32.23	-0.27	0.16	0.19	1	12	32.55	-0.04	0.16	0.11	1	91

"CRUISE", the code name for a cruise: "CD", the calendar mid-date of all the stations within a region for a cruise:
"#obs", the number of observations include in each average: "T/S", the areal average temp/salt: "Anomaly", the areal average temp/salt anomaly:
"SDV1", the standard deviation associated with the average temp/salt anomaly: "SDV2", the standard deviation of the individual anomalies from which the average anomaly was derived

"Flag", a value of "1" indicates that a true areal average could not be calculated due to poor station coverage. The areal averages listed were derived from a simple average of the observations within the region.

"Purpose", 2 digit code assigned by DMS to identify a unique NEFSC program survey.